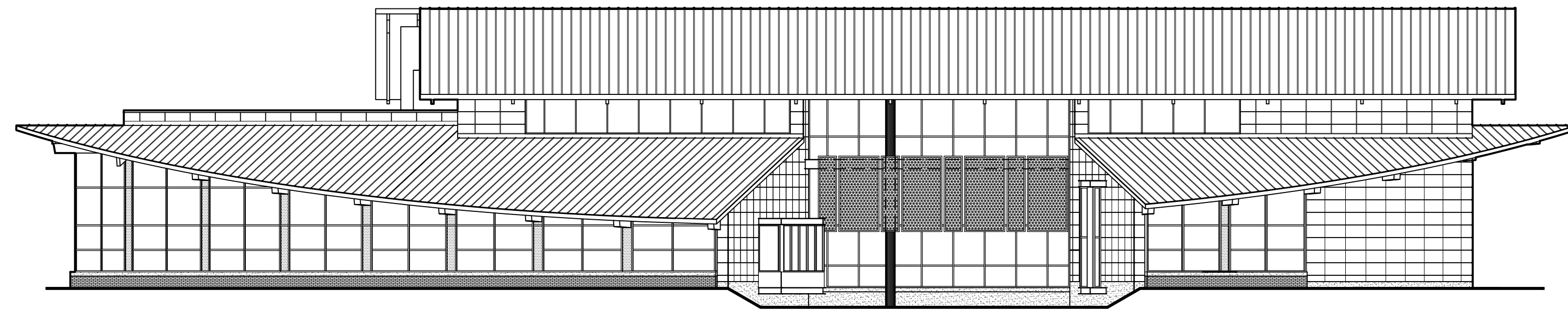


Owner- Project Management Section,
Division of Building Design & Construction Department of General Services
101 Monroe Street, 11th Floor
Rockville, MD, 20850



DEPARTMENT OF GENERAL SERVICES
Division of Building Design and
Construction

101 MONROE STREET, 11TH FLOOR
ROCKVILLE, MARYLAND 20850

3500 Olney-Laytonsville Road
Olney, Maryland 20832

PROJECT NO.: Client Proj. No.

The Lukmire Partnership, Inc.
Architecture Planning Interiors



2700 S. QUINCY STREET
ARLINGTON, VA 22206
T: 703-998-01014 F: 703-998-7798
www.lukmire.com

Professional Certification.
I certify that these documents were prepared by me or under my direct supervision and were approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number ____, expiration date ____.

REGISTRATION:

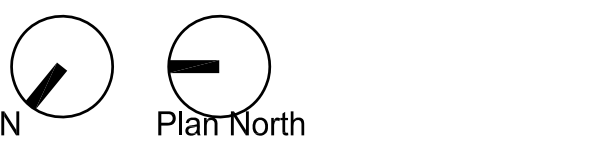
[illegible]

A/E PROJECT NO: 1321

DRAWN BY: WE, MZ,

CHECKED BY: WE,

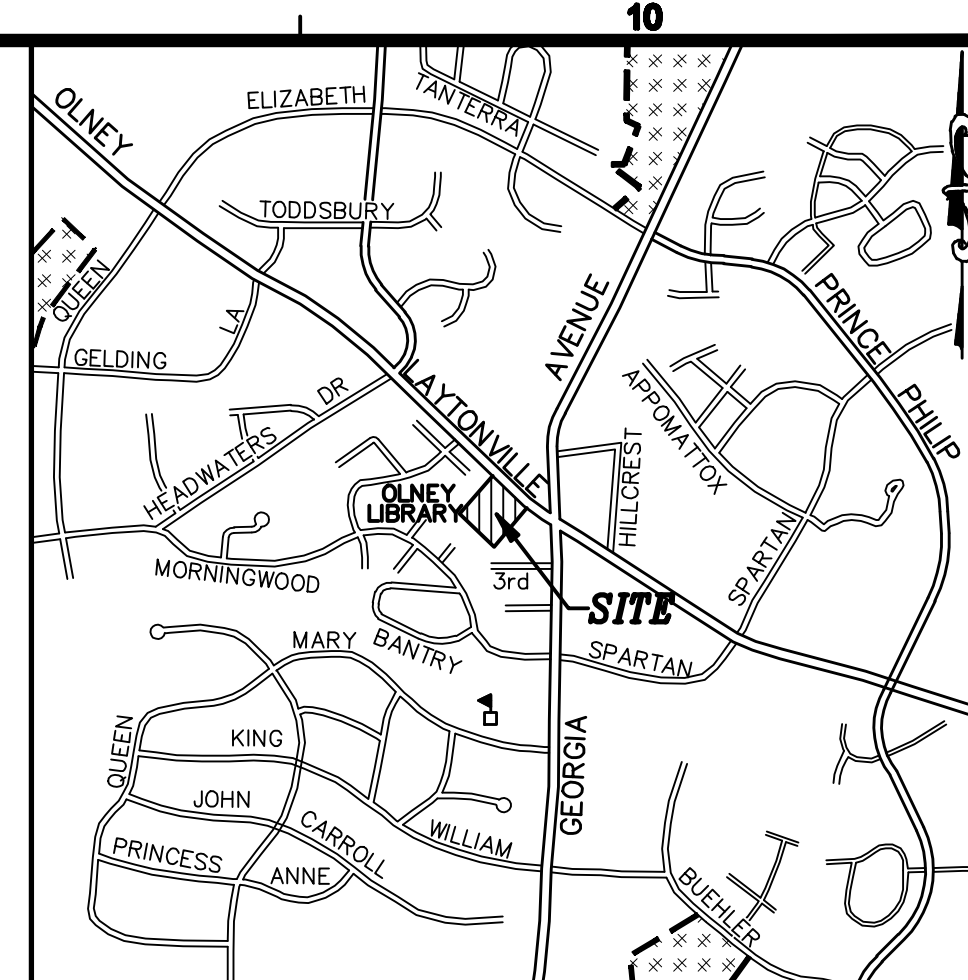
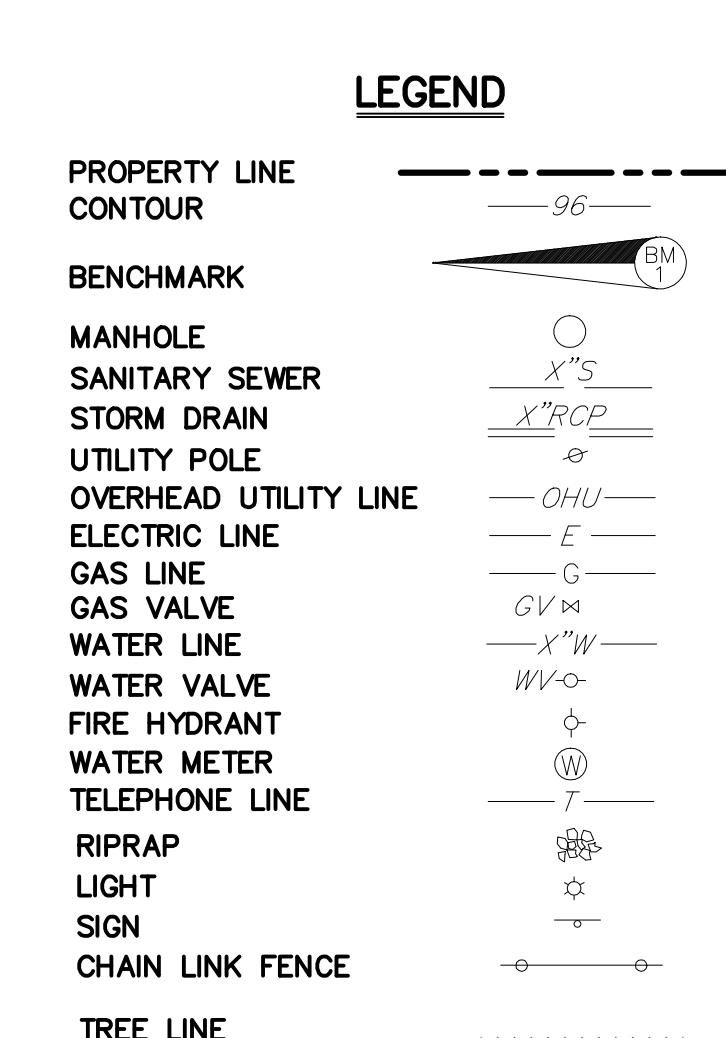
KEY PLAN:



SHEET NUMBER:

G-001

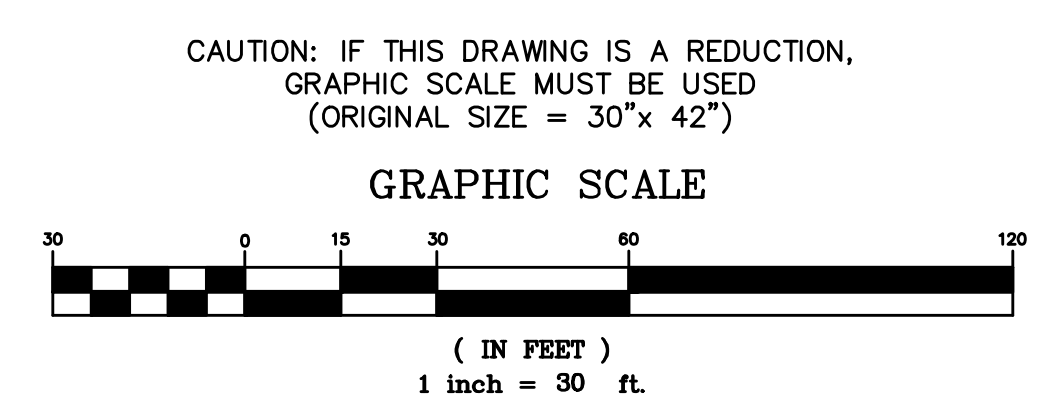
Original drawing is 30" x 42". Scale entities accordingly if reduced



VICINITY MAP
SCALE: 1" = 2,000'±
(WSSC GRID: 225 NW 3)
MONTGOMERY COUNTY
ADC MAP PAGE: 5049
GRID: K-6
(39th EDITION)

1. EXISTING BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN HEREON WAS PROVIDED BY MERIDIAN SURVEY'S, INC., 811 RUSSELL AVENUE, GAITHERSBURG, MD. PHONE: (301) 721-9400 FAX: (301) 840-0334 DATED MARCH, 2008.
2. SITE IS KNOWN AS "OLNEY LIBRARY" PARCEL P964, LBER 5548, FOLIO 362, MONTGOMERY COUNTY, MARYLAND. THE SITE IS ZONED R-200.
3. THE HORIZONTAL DATUM OF THIS SURVEY IS MARYLAND STATE PLANE GRID AND 1983 UTILITY NATIONAL GEODETIC SURVEY & WGS80 STATION 2022. THE VERTICAL DATUM OF THIS SURVEY IS NGVD29. THE CONTOUR INTERVAL IS 2'.
4. THE LOCATION OF UTILITIES IS TAKEN FROM ABOVE GROUND IMPROVEMENTS AND FIELD LOCATIONS. INVERT ELEVATIONS HAVE BEEN OBTAINED WHERE ACCESS WAS AVAILABLE. ACTUAL UTILITY LOCATIONS SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE VERIFIED BEFORE COMMENCING ANY CONSTRUCTION.
5. THERE IS NO DESIGNATED 100 YEAR FLOODPLAIN ON THIS PROPERTY. THE SITE IS IN ZONE "X" AS PER FEMA FLOOD INSURANCE RATE MAP NO. 24031C-0215D, DATED SEPTEMBER 29, 2006.
6. THERE ARE NO WETLANDS ON THIS SITE.
7. NOTES ON THE DRAWINGS SHALL BE ASSUMED AS TYPICAL, UNLESS OTHERWISE SHOWN OR NOTED ON THE DRAWINGS. ALL NOTES SUPPLEMENT THE PLANS AND ARE IN NO WAY TO BE CONSIDERED AS EXCLUDING IN ANY ITEM IN THEM.
8. IT SHALL BE THE DUTY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS GIVEN ON THE DRAWINGS AND TO REPORT TO THE ARCHITECT/ENGINEER ANY ERROR OR INCONSISTENCY WITH THE ACTUAL CIRCUMSTANCES IN THE FIELD BEFORE COMMENCING WORK. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ITEMS REQUIRED TO PROVIDE A SURFACE FREE OF OBSTRUCTION (GRADE AND BELOW GRADE) AND GRADED TO SPECIFIED ELEVATIONS.
9. ALL BIDDERS: THE GENERAL CONTRACTOR AND ALL MAJOR SUBCONTRACTORS SHALL VISIT THE SITE TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED PRIOR TO SUBMITTING BID.
10. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR, TO PROVIDE ALL SITE SUB-CONTRACTORS/BIDDERS WITH FULL AND COMPLETE SETS OF ALL CIVIL DRAWINGS AND DIVISION 2 SPECIFICATIONS FOR THEIR USE IN PREPARING BIDS. THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL BE RESPONSIBLE FOR ANY AND ALL DELAYS AND COSTS ARISING DURING CONSTRUCTION FROM BIDS BASED UPON INCOMPLETE SETS OF SITE DOCUMENTS.

| BENCHMARK TABLE | | | | |
|-----------------|-------------|--------------|-----------|--|
| NO. | NORTHING | EASTING | ELEVATION | LOCATION |
| 1 | 541838.6943 | 1292832.7032 | 537.60 | SQUARE CUT RIGHT FRONT CORNER CATCH BASIN, NORTH SIDE OF OLNEY LAYTONVILLE ROAD (RT. 108) |
| 2 | 541721.7862 | 1292971.7120 | 540.22 | SQUARE CUT RIGHT FRONT CORNER CATCH BASIN, NORTH SIDE OF OLNEY LAYTONVILLE ROAD (RT. 108). |
| 3 | 541472.3277 | 1292520.3771 | 525.68 | SQUARE CUT RIGHT FRONT CORNER CATCH BASIN, REAR PARKING LOT OF LIBRARY. |



**MONTGOMERY COUNTY
MARYLAND**

DEPARTMENT OF GENERAL SERVICES
OFFICE OF PLANNING AND
DEVELOPMENT

**101 MONROE STREET, 11TH FLOOR
ROCKVILLE, MARYLAND 20850**

PROJECT:
**Oiney Library Addition &
Renovation Design
Development**
3500 Oiney-Laytonville Road
Oiney, Maryland 20832
PROJECT NO. : Client Ref. No.

The Lukmire Partnership, Inc.
Architecture Planning Interiors

**2700 S. QUINCY STREET
ARLINGTON, VA 22206
T: 703-998-0104 F: 703-998-7798
www.lukmire.com**

ADTEK
CIVIL, STRUCTURAL, SPECIALTY ENGINEERING
& LANDSCAPE ARCHITECTURE
Patrick East Business Center
97 Monocacy Blvd., Unit H
Frederick, Maryland 21701
Phone: 301-662-4405 Fax: 301-662-7484
www.adtekengineering.com

REGISTRATION:

I HEREBY CERTIFY THAT THESE DOCUMENTS ARE PREPARED OR
APPROVED BY ME, AND THAT I AM A DULY LICENSED
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF
MARYLAND, LICENSE NO. 26524, EXPIRATION DATE: 19 JULY 2011.

[illegible]

| | |
|------------------------|--------------|
| A/E PROJECT NO: | 13210 |
| DRAWN BY: | LYV |
| CHECKED BY: | SPB |

KEY PLAN:

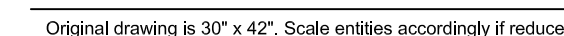
SHEET TITLE:

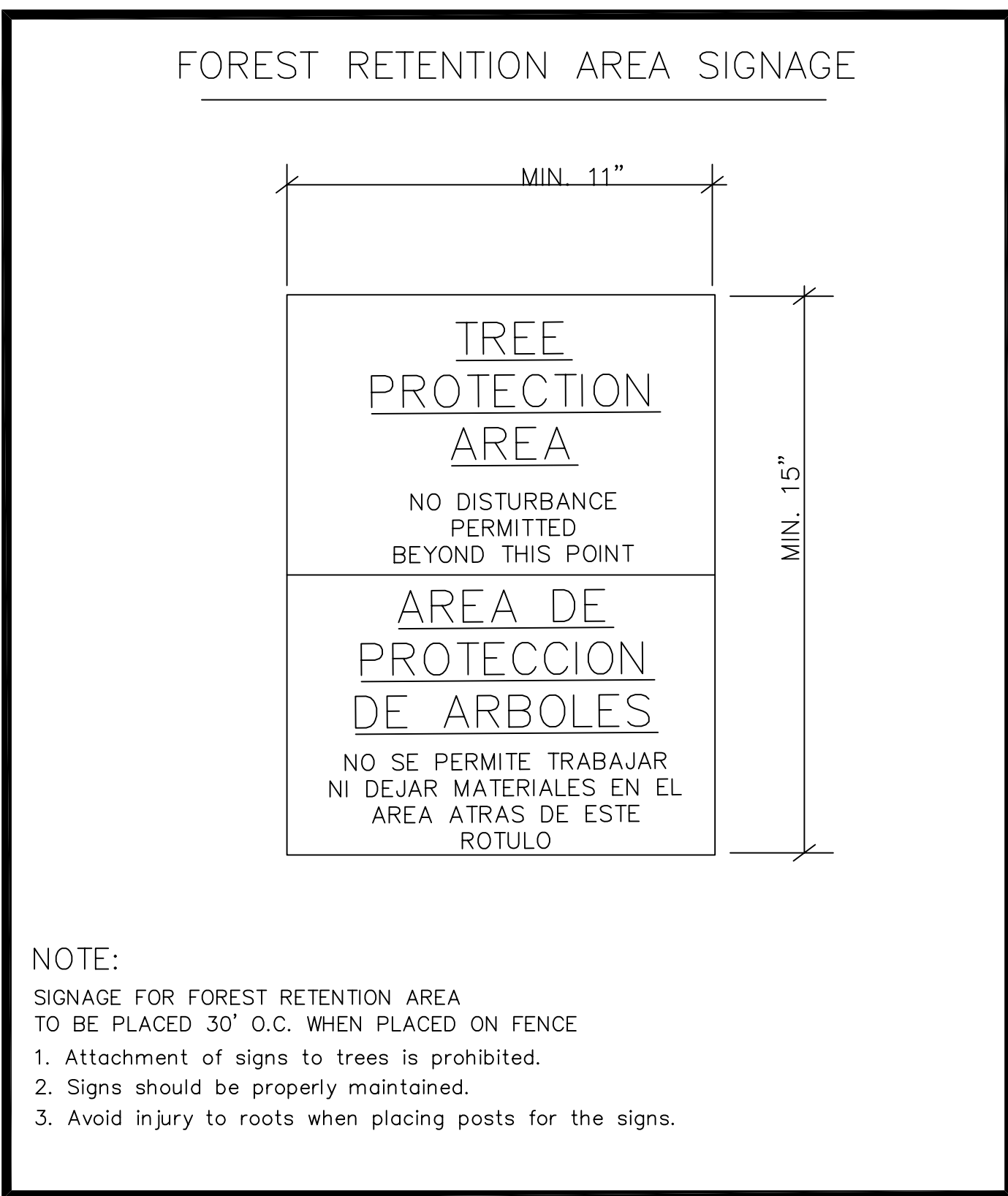
**EXISTING
CONDITIONS
PLAN**

SHEET NUMBER:

C-1

Original drawing in 30" x 42". Scale enlarges accordingly if reduced





NOTE:

SIGNAGE FOR FOREST RETENTION AREA
TO BE PLACED 30' O.C. WHEN PLACED ON FENCE

1. Attachment of signs to trees is prohibited.
2. Signs should be properly maintained.
3. Avoid injury to roots when placing posts for the signs.

Site Inspections, Sequence of Construction for Tree Save Plan

Inspections

There shall be three inspections for the Tree Save Plan.

- A. The Planning Department must conduct field inspections of a site subject to an approved tree save plan as follows:

1. After the limits of disturbance have been staked and flagged, but before any clearing or grading begins (the purpose of the meeting should be to field verify the limits of clearing specified on the approved plan, authorize necessary adjustments, and to authorize necessary stress reduction measures and installation of protection devices);
2. After necessary stress reduction measures have been completed and the protection measures are in place, immediately after clearing or grading begins (the purpose of the meeting should be to field verify that both measures have been done correctly and to authorize clearing and grading);
3. After completion of all construction activities to determine the level of compliance with the provisions of the tree save plan;

- B. These inspections must be requested by the Contractor at the designated points

Notes

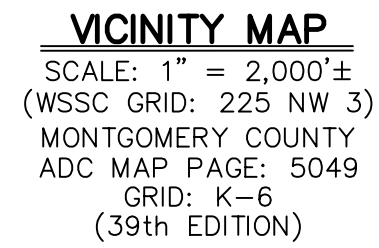
1. The attendants at the pre-construction meeting should include: owner, construction superintendent, MD licensed tree expert or ISA certified arborist, M-NCPPC inspection staff, sediment control inspector and Takoma Park Arborist.
2. Tree protection measures not specified on the tree save plan may be required as determined by M-NCPPC inspector in coordination with the MD licensed tree expert or ISA certified arborist and Takoma Park Arborist.

2. Tree protection measures not specified on the tree save plan may be required as determined by M-NCPPC inspector in coordination with the MD licensed tree expert or ISA certified arborist and Takoma Park Arborist.

M-NCPPC STANDARD NOTES FOR EXEMPTION

- Please include the following notes on the Exemption plan:
- a. An on-site pre-construction meeting shall be required after the limits of disturbance have been staked and flagged, but before any clearing or grading begins. The owner shall contact the Maryland National Capital Park and Planning Commission inspection staff prior to commencing construction to verify the limits of disturbance and discuss tree protection and tree protection measures. The attendees at this meeting should include developer's representative construction superintendent ISA certified arborist or MD licensed tree expert that will implement the tree protection measures, MNCPPC inspector, and DPS sediment control inspector.
 - b. No clearing or grading shall begin before stress-reduction measures have been implemented. Appropriate measures may include, but are not limited to:
 - i. Root pruning
 - ii. Crown Reduction pruning
 - iii. Watering
 - iv. Fertilizing
 - v. Vertical mulching
 - vi. Root aeration matting

Measures not specified on the Exemption plan be required as determined by the MNCPPC inspector in coordination with the arborist.
 - c. A State of Maryland licensed tree expert, or an International Society of Arboriculture certified arborist must perform all stress reduction measures. Documentation of stress reduction measures must be either observed by the MNCPPC inspector or sent to the MNCPPC inspector at 8787 Georgia Avenue, Silver Spring, MD 20910. The MNCPPC inspector will determine the exact method to convey the stress reductions measures the pre-construction meeting.
 - d. Temporary tree protection devices shall be installed per the Exemption Plan and prior to any construction activities. Tree protection fencing location should be staked prior to the pit-construction meeting MNCPPC inspector, in coordination with the DPS sediment control inspector, may make field adjustments to increase the survivability of trees and forest shown as saved on the approved plan temporary tree protect devices may include:
 - i. Chain link fence (four feet high)
 - ii. Super silt fence with erosion string along the support poles (minimum 4 feet high) with high visibility flagging
 - iii. 14 gauge 2 inch x 4 inch welded wire fencing supported by steel T-bar posts (minimum 4 feet high) with high visibility flagging
 - e. Temporary protection devices shall be maintained and installed by the contractor for the duration of construction project and must not be altered without prior approval from MNCPPC. No equipment, trucks, materials, or debris may be stored within the tree protection fence areas during the entire construction project. No vehicle or equipment access to the fenced area will be permitted. Tree protection shall not be removed without prior approval of MNCPPC. Tree protection devices to be coordinated with erosion and sediment control devices as indicated on the approved Erosion and Sediment Control plan approved by the Department of Permitting Services.
 - f. Forest retention area signs shall be installed as required by the MNCPPC inspector, or as shown on approved plan.
 - g. Periodic inspections by MNCPPC will occur during the construction project. Corrections and repairs to all tree protection devices, as determined by the MNCPPC inspector, must be made within the timeframe established by the MNCPPC inspector.
 - h. After construction is complete, an inspection shall be requested. Corrective measures which may be required include:
 - i. Removal and replacement of dead and dying trees
 - ii. Pruning of dead or declining limbs
 - iii. Soil erosion
 - iv. Fertilization
 - v. Watering
 - vi. Wound repair
 - vii. Clean up of retention areas
 - i. After inspection and completion of corrective measures have been undertaken, all temporary protection devices shall be removed from the site. No additional grading, sodding, or burial may take place.



OWNER/APPLICANT
MONTGOMERY COUNTY
DEPARTMENT OF GENERAL SERVICES
100 MONROE STREET, 11TH FLOOR
ROCKVILLE, MARYLAND 20850
ATTN: MS. SUSANNE CHURCHILL
TEL: (240) 777-6113
FAX: (240) 777-9952

CLIENT:



**MONTGOMERY COUNTY
MARYLAND**

DEPARTMENT OF GENERAL SERVICES
OFFICE OF PLANNING AND
DEVELOPMENT

101 MONROE STREET, 11TH FLOOR
ROCKVILLE, MARYLAND 20850

PROJECT:

Olney Library Addition & Renovation Design Development

3500 Olney-Laytonsville Road

PROJECT NO.: Client Proj. No.

The Lukmire Partnership, Inc.
Architecture Planning Interiors



2700 S. QUINCY STREET
ARLINGTON, VA 22206
T: 703-998-01014 F: 703-998-7798
www.lukmire.com

CIVIL, STRUCTURAL, SPECIALTY ENGINEERING
& LANDSCAPE ARCHITECTURE
Patrick East Business Center
97 Monocacy Blvd., Unit H
Frederick, Maryland 21701
Phone: 301-662-4408 Fax: 301-662-7484
www.zstleengineering.com

REGISTRATION:

[illegible]

A/E PROJECT NO: 13210
DRAWN BY: LYV
CHECKED BY: SPE

KEY PLAN:

COMBINED
NRI/FSD &
TREE SAVE
NOTES & DETAILS



SHEET TITLE:

SHEET NUMBER:


L-1.02

Original drawing is 30" x 42". Scale entities accordingly if reduced.

CERTIFICATION OF QUALIFIED PROFESSIONAL

I HEREBY CERTIFY THAT THE PLAN SHOWN HEREON HAS BEEN PREPARED IN ACCORDANCE
 ACCORDANCE WITH STATE OF MARYLAND, M-NCPPC AND MONTGOMERY COUNTY FOREST CONSERVATION LAWS

| | |
|------|--|
| DATE | MICHAEL A. NORTON MDNR / COMAR 08.19.06.01 QUALIFIED PROFESSIONAL MD RLA #3310 ISA CERTIFIED ARBORIST #177310 |
|------|--|

 **NORTON LAND DESIGN LLC**
811 RUSSELL AVENUE, SUITE 301
GAITHERSBURG, MD 20879
p.301.216.9650 f.301.216.9649
www.NORTONLANDDESIGN.com

| | | | | | |
|-----------------------|--|----------------------------|--|---|--|
| WATER CLASS III/III-P | | WATERSHED UPPER ROCK CREEK | | FEMA FLOODPLAIN MAP PANEL # 24031C0215D | |
| TRIBUTARY | | | | | |
| TAX MAP HT563 | | 200 SHEET 224 NW 3 | | ADC MAP PAGE 21 GRID E-7 | |
| SCALE AS SHOWN | | DATE JUNE, 2009 | | PROJ. NO. 07-013 | |
| | | | | SHEET NO. 2 OF 2 | |

MISS UTILITY

CALL "MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION. BEFORE EXCAVATION THE CONTRACTOR IS RESPONSIBLE FOR CALLING TICKET CHECK AT 1-866-821-4226 TO VERIFY THAT ALL UTILITIES HAVE BEEN MARKED, 48 HOURS AFTER CALLING MISS UTILITY. THE EXCAVATOR IS RESPONSIBLE FOR COMPLIANCE WITH REQUIREMENTS OF CHAPTER 36A OF THE MONTGOMERY COUNTY CODE.

PLANTING SPECIFICATIONS

SCOPE : Consists of supplying the planting trees, shrubs and herbaceous materials (groundcovers) including the staking of trees as specified herein and the supplying of materials, labor, equipment and work related services necessary for same as specified herein.

The work of this section includes, but is not limited to:

- | | |
|------------------|-----------------|
| mulching | fertilizing |
| watering | wrapping |
| soil preparation | staking |
| planting | plant materials |
| maintenance | replacement |

MATERIALS : Wherever the following items appear in the specifications, they shall be as follows:

Topsoil The Contractor shall provide required natural, friable, fertile, fine sandy loam possessing the characteristics of representative topsoil in the vicinity which produce heavy growths of vegetation. The topsoil shall be free from subsoil, noxious weeds, stones, lime, cement, ashes, slag or other deleterious matter. Topsoil shall be well drained in its original condition and free of toxic quantities of acid or alkaline elements. It shall contain sand and clay in approximately equal proportions, and shall have an organic content by weight of not less than 2% nor more than 20% as determined by laboratory tests. The pH shall be between 6 and 7.

Water Shall be furnished by the Contractor for the execution of all work specified in this contract. The Contractor shall verify that the water available is suitable for irrigation and free from ingredients harmful to plant life.

Peat Shall be only moss (sphagnum) peat; brown acid reaction approximately 4 to 5 pH; of standard commercial quality delivered to the site in bags or other convenient containers, in air dry condition. Peat shall be fully warranted by the producer.

Brace Stakes: Wood brace stakes shall be common lumber or the sizes in the following table:

| | |
|----------------------|-----------------------------------|
| Tree Size | Brace Stakes |
| 1"-2.5" or < 8' tall | 2"x2"x96" |
| 2.5"-3" or > 8' tall | 2"x2"x24", 2"x2"x30" for conifers |

Wire shall be good commercial quality of galvanized wire. Wire used to stake trees shall be No. 12 gauge minimum.

Hose Collars: Hose collars shall be new two ply fabric bearing garden hose not less than 2 inch inside diameter.

PLANT MATERIAL STANDARDS :

Association of Nurserymen, Inc., as published in the "American Standard for Nursery Stocks", latest edition. No substitutions of size or grade shall be permitted without written permission from the Landscape Designer. Each ball and separate plants shall be properly identified with the legible waterproof tags securely fastened to each plant or bundle of plants. They shall remain on the plants until final inspection.

Health All plants including their roots shall be free from disease, insects, or other injurious qualities. All local, state, and federal laws pertaining to the inspection, sale, and shipment of plant materials shall be complied with. The trunk bark of all trees shall be sound, trees shall have no large wounds, and any small wounds shall have a satisfactory callus roll formed or forming over them. Plants shall show good annual growth. Buds shall be plump and well filled for the species. Evergreen foliage shall be of good intense color.

Quality : All plants shall be true to type; they shall have normal, well-developed branch systems, and a vigorous fibrous root system; they shall be sound, healthy, vigorous plants free from defects, disfiguring knots, unsound injuries, abrasions of the bark, plant diseases, insect eggs, borers, and all forms of infestation. All new plants shall be nursery grown.

Ball and Burlap : All balled and burlapped plants shall conform to the "American Standard for Nursery Stock", latest edition. All balls shall be of natural earth in which the plant has been growing. No manufactured or artificially produced or mudded-balls shall be accepted. Balls shall be firm and unbroken, and of large enough size to adequately enclose the plant's fibrous root system.

Plant List: The list of plants furnished with the specifications is for the information of the Contractor. The height and caliper of trees, the height or caliper of shrubs, the diameter of the balls or roots are the minimum dimensions required. Plants indicated "B&B" are to be dug with a ball of earth and wrapped in burlap.

Measurements : Shall conform to those specified on the plant list except as follows:

Oversize plants may be used only after approval by the designer.

Use of such plants shall not increase the contract price.

Height and spread dimensions indicated refer to the main body of the plant and not from branch tip to branch tip. All trees and shrubs shall be measured when their branches are in normal position. Trees shall have straight trunks with the leader intact, undamaged and uncut.

Inspection The Planting Contractor shall be responsible for all inspection and approval of the plant material that may be required by state, federal and other authorities, and he shall secure any permits and certificates that may be required.

All plants shall be subject to inspection, and approval at place of growth before digging, or upon delivery, for quality, size and variety; such approval shall not impair the right of rejection at the project site during progress of the work, for size, condition of balls, roots, latent defects or injuries. Rejected plants shall be removed immediately from the project site

DIGGING AND HANDLING :

Protection from extremes in exposure and rough handling shall be provided all plant materials during transport and storage.

All plant materials shall be assembled in one location on the job site to permit inspection and approval by the designer. The Contractor shall notify the designer five (5) working days prior to planting so that a mutually agreeable time may be arranged for inspection. Stock with broken root balls or loose containers, and stock which shows evidence of being root-bound, overgrown, or recently canned, or in the opinion of the designer is damaged or improperly cared for, shall be removed from the site immediately and replaced at the Contractor's expense with another plant meeting the original specifications. Plants shall not be pruned prior to approval by the designer.

PROCEDURE :

Tree Planting

Layout All trees shall be located as designated in the field by the planting plan. Where below ground or overhead obstructions are encountered, the trees shall be relocated by the designer.

Planting Pits : Shall be a diameter two (2) times the diameter of the ball of the tree or container diameter. The depth of the pit shall be enough to accommodate the ball or roots of the tree when the tree is set to finish grade. Prior to 3" of existing soil shall be mixed with the topsoil at a 1:1 ratio to reduce puddling beneath plantings. Planting islands within the parking lot shall be brought to final grade with 6" of planting soil.

Planting Soil Preparation: Mix then one part peat moss with five parts topsoil. Mix all components thoroughly before backfilling.

Setting of Trees : Before setting the trees, pits shall be watered. All plants shall be placed at such a level that, after settlement, the natural relationship between the original grade at which the plant grew, the ball shall be 1/8 higher than the finish grade. Trees shall be planted plumb, oriented for desired effect as directed by the designer. Topsoil shall be tamped under and around the base of each ball to fill all voids and shall be placed in 6 to 8 inch layers, each thoroughly tamped and puddled. Burlap shall be removed from the sides and top of balls and from under the balls. When planting bare root trees, care shall be taken to work topsoil in around the roots and to spread them in a natural position before backfilling. Shallow basin or saucers a little larger than the diameter of the ball shall be formed around all trees to hold additional water.

Mulch Shall be applied to all tree pits to a depth of 3".

Pruning: All trees shall be neatly pruned after planting in accordance with the best standard practices and as directed by the designer. The tree shall be pruned to preserve its natural form and character and in a manner appropriate to its particular requirements. In general, at least one third of the deciduous trees shall be removed by thinning or shortening of branches but no leaders shall be cut. All pruning shall be done with clean, sharp tools.

Shrub and Herbaceous Materials: (groundcover)

Layout Herbaceous planting beds and shrub pit locations shall be designated by the designer in accordance with the plant list and the tentative locations shown on the planting plan. The general form of the planting bed shall be staked out and excavations performed within the stakes.

Preparation of Herbaceous Planting Beds The ground shall be thoroughly broken to a depth of 12 inches. The top 4 inches shall be worked by the contractor until the soil is completely fined and in a mellow condition to finish grade. All organic material shall either be worked into the soil or removed from the site. Clumps shall be removed from the site. All shall be performed perpendicular to the direction of surface drainage. All holes, depressions and rivulets shall be filled and brought to a smooth grade.

Shrub Planting Pits : Shall not have vertical sides. The diameter of the pits shall be two times greater than the diameter of the ball or container of the shrub. The depth of the pit shall be enough to accommodate the ball or roots of the shrub when the shrub is set to finish grade. 3" of existing soil shall be mixed with the topsoil at a 1:1 ratio to reduce puddling beneath plantings.

Shrub Planting Soil : Mix one part peat moss with five parts topsoil. Mix all components thoroughly before backfilling.

Setting of Shrubs : All materials shall be planted 2" higher in relation to the finish grade as they had before transplanting. The depth of the holes, as heretofore specified, shall be understood to be the depth below finish grade. Balled and burlapped plants shall have topsoil tamped under the balls. All burlap, ropes, stakes, etc., shall be taken off the tops of the balls and removed from the ball before backfilling. Roots of bare root plants shall not be left matted together, but shall be arranged in natural positions and shall have topsoil worked in among them. All broken and froed roots shall be properly removed by trimming.

The Backfill of Topsoil. Shall be tamped in successive 8" layers. When the hole has been 2/3 backfilled, water shall be poured in filling the hole, and allowed to soak away so that all voids or air pockets under or around the roots are eliminated. After the water has soaked away, the hole shall be completely backfilled with "topsoil". After the backfill settles, additional soil shall be filled in, to the level of the finish grade. A shallow saucer of soil shall be formed around the edge of each hole to hold additional water.

MISS UTILITY

CALL "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION. BEFORE EXCAVATION THE CONTRACTOR IS RESPONSIBLE FOR CALLING TICKET CHECK AT 1-866-821-4226 TO VERIFY THAT ALL UTILITIES HAVE BEEN MARKED, 48 HOURS AFTER CALLING MISS UTILITY. THE EXCAVATOR IS RESPONSIBLE FOR COMPLIANCE WITH REQUIREMENTS OF CHAPTER 36A OF THE MONTGOMERY COUNTY CODE.

Pruning: All shrubs shall be neatly pruned or thinned immediately after planting in accordance with best standard practices and as directed by the designer. Broken or bruised branches shall be removed with a clean cut. Each shrub shall be pruned to preserve its natural form or character and in a manner appropriate to its particular requirements. All pruning and thinning shall be done with sharp, clean tools.

Mulch : Shall be applied to all shrub beds and pits to a depth of 3" and to all herbaceous planting beds to a depth of 2" and evenly around the sides of the tree outside of the ball. All stakes shall be oriented to a line parallel with the normal prevailing winds, or as directed by the designer. See planting details for staking locations.

TEMPORARY STORAGE AND HEELING-IN:

No heel-in plant material will be accepted, nor will any temporary heeling-in storage be permitted.

Plant material unloaded and accepted by the inspector shall be immediately transported to the planting site and planted. Material left out of ground overnight or left with its roots bare to the sun, or otherwise unprotected during transit, unloading or storage shall be rejected by the designer. If in his judgment such lack of protection has caused damage to the roots of the plant or in any other way injured the plant material.

MAINTENANCE :

The planting contractor shall be required to make periodic checks on the total project to make certain that the materials are properly cared for and that the sum of all conditions are contributing to the satisfactory progress of the materials, until such time as the work is approved by the designer.

INSPECTION AND ACCEPTANCE :

Inspection of this work will be made by the designer at the conclusion of the planting period upon written notice by the Contractor at least five (5) days prior to anticipated date. Condition of all plant materials will be noted and recorded for reference.

After inspection, the planting contractor will be notified in writing by the designer if there are any deficiencies of the requirements for acceptance of the work.

GUARANTEE AND REPLACEMENT:

Trees and shrubs shall be guaranteed for a maximum of one full year of growing seasons after installation and shall be alive and in satisfactory condition at the end of the guarantee period. Such guarantee excludes vandalism.

DEFINITION FOR FURNISHED AND INSTALLING PLANT MATERIAL

The unit price contained in the bid proposal for furnished and installing plant and shrub material shall be defined to include furnishing and installing material, all planting soils (if applicable), staking and a guarantee for one year or growing season (excluding vandalism).

PUBLIC UTILITIES:

- Care shall be exercised in excavation near utilities. If at any time Contractor damages the utilities in place through negligence or carelessness, Contractor shall pay for the full cost of repairing such damages. Contractor shall notify the appropriate person in the office of any utility whose lines may be affected.
- The locations of utilities shown on the plans are approximate only and do not necessarily indicate all the utilities that may be encountered during construction. The failure of a utility to be shown on the plans does not relieve Contractor of the responsibility for any injuries he may inflict on the utility, and in case of injury, it shall be repaired at the expense of the Contractor.
- Whenever other utilities are encountered whose present grade would conflict with the new construction, Contractor shall notify Landscape Architect, who shall arrange revisions without unreasonable delay. Trenching or tunneling under existing utilities, culverts, etc., and providing temporary support shall be done at no additional expense to Owner.

GUARANTEE AND REPLACEMENT: The Contractor will guarantee survival of plants (each species) after one year. If at this time the total number of plants has fallen below this threshold, the Contractor will make a one-time replacement to bring plant numbers to the 100% levels for each species. Care shall be taken such that the activities involved in replacement planting do not cause damage or detrimental effect to the surviving flora. Any plants damaged by these activities will also be replaced by the Contractor to the 100% threshold.

Trees, shrubs and ground covers shall be guaranteed for 1 year after installation and shall be alive and in satisfactory condition at the end of the guarantee period. Such guarantee excludes vandalism.

DEFINITION FOR FURNISHED AND INSTALLING PLANT MATERIAL: The price contained in the bid proposal for furnished and installing plant and shrub material shall be defined to include furnishing and installing material, all planting soils (if applicable), staking and a guarantee for 12 months (excluding vandalism).

PROTECTION OF PRIVATE PROPERTY: Contractor shall repair or replace all fences, concrete walls, concrete curbs, gravel and asphalt driveways, signs, culverts, and all other miscellaneous improvements, at no additional expense to Owner, damaged by Contractor due to his operations on the project, to a condition equal to or better than their condition before construction.

JOB CONDITIONS:

- Examine and evaluate grades, soils and water levels, observe the conditions under which work is to be performed, and notify the Landscape Architect of unsatisfactory conditions. Do not proceed with the work until unsatisfactory conditions have been corrected in an acceptable manner.
- Utilities: Review underground utilities location maps and plans provided by owner; demonstrate an awareness of utility locations, and certify acceptance of liability for the protection of utilities during course of work. Contractor shall be responsible for any damage to utilities or property.
- Excavation: When conditions detrimental to plant growth are encountered, such as rubble fill, adverse drainage conditions, or obstructions, notify Landscape Architect before planting.

SITE LANDSCAPE PLANT SCHEDULE

| KEY | BOTANICAL NAME | COMMON NAME | SIZE | FORM | SPACING | QUANTITY | COMMENTS |
|---------|---|---------------------------------|---------|------|----------|----------|-----------------|
| TREES | | | | | | | |
| CA | CARPINUS CAROLINIANA | AMERICAN HORNBEAM | 2" CAL. | B&B | SHOWN | 6 | |
| CF | CORNUS FLORIDA "CHEROKEE PRINCESS" | CHEROKEE PRINCESS DOGWOOD | 6'-8" | B&B | SHOWN | 4 | ORNAMENTAL TREE |
| CK | CORNUS KOUSA | KOUSA DOGWOOD | 4'-5" | B&B | SHOWN | 2 | ORNAMENTAL TREE |
| QA | QUERCUS ALBA | WHITE OAK | 2" CAL | B&B | SHOWN | 3 | |
| QP | QUERCUS PHELLOS | WILLOW OAK | 2" CAL | B&B | SHOWN | 1 | |
| UP | ULMUS PARVIFOLIA 'BOSQUE' | 'BOSQUE' ELM | 2" CAL. | B&B | SHOWN | 1 | |
| GRASSES | | | | | | | |
| AV | ANDROPOGON VIRGINICUS | BROOM SEDGE | 2" | PLUG | 18" O.C. | 231 | |
| CA | CALAMAGROSTIS ACUTIFLORA 'KARL FORSTER' | KARL FORSTER FEATHER REED GRASS | 2" | PLUG | 18" O.C. | 180 | |
| IC | IMPERATA CYLINDRICA 'RED BARON' | JAPANESE BLOOD GRASS | 2" | PLUG | 18" O.C. | 420 | |
| MS | MISCANTHUS SINENSIS 'YAKU-JIMA' | DWARF MAIDEN GRASS | 2" | PLUG | 18" O.C. | 268 | |
| PA | PENNISETUM ALOPECUROIDES 'HAMELIN' | DWARF FOUNTAIN GRASS | 2" | PLUG | 18" O.C. | 412 | |

SOD & SEED MIX DESCRIPTIONS

| SOD | SOD -TALL FESCUE/KENTUCKY BLUEGRASS | SQUARE YARD | - | STABILIZATION AROUND SCHOOL |
|----------------|---|-------------|---|-----------------------------|
| S-1 | *LAWN- MD CERTIFIED TALL FESCUE (85%) SEED PERENNIAL RYEGRASS (10%) KENTUCKY BLUEGRASS (5%) | 150LBS/ACRE | - | STABILIZATION |
| COMPANION SEED | ANNUAL RYEGRASS COMPANION CROP FOR MIXES AS REQUIRED | 30LBS/ACRE | - | STABILIZATION |

ALTERNATE - SOD ALL GRASS AREAS: CONTRACTOR TO FURNISH AND INSTALL SOD IN LIEU OF SEED. BASE BID: CONTRACTOR TO PROVIDE SEEDING AND SOD IN AREAS AS SPECIFIED.

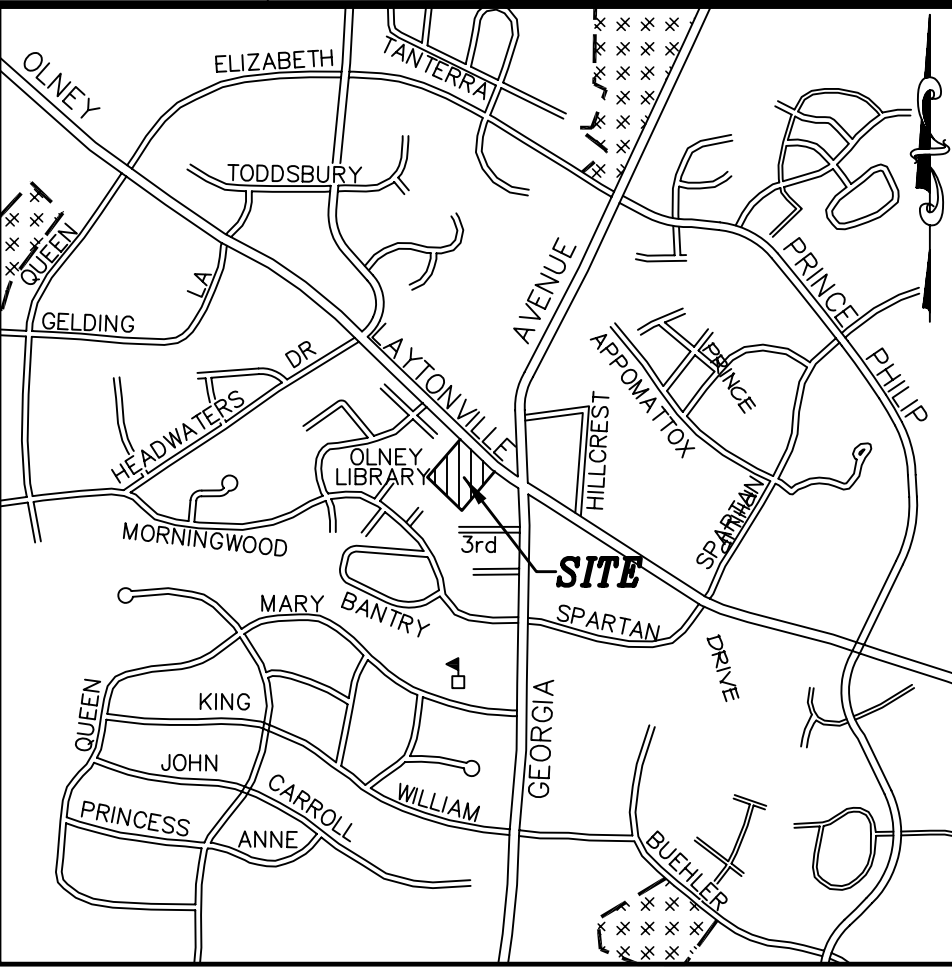
* FERTILIZER AT RATE BASED UPON SOIL SAMPLE RESULTS; LIME RATE BASED UPON SOIL SAMPLE RESULTS

** COVER WITH STRAW MULCH & LIME@ RATE OF 2 TONS/ACRE

SITE STABILIZATION NOTE:

ALL DISTURBED AREAS ARE TO BE STABILIZED WITH SHA SEED MIX NO. 1 FOR SLOPES LESS THAN 4:1
ALL DISTURBED AREAS ARE TO BE STABILIZED WITH MD CERTIFIED SOD FOR SLOPES EQUAL TO 4:1 TO SLOPES 3:1.
ALL DISTURBED AREAS GREATER THAN 3:1 SHALL BE STABILIZED WITH SHA SEED MIX NO. 1, AT A RATE OF 125 LBS./ACRE

NOTE: FOR ALL DISTURBED AREAS NOT SHOWN OR COVERED ON THE LANDSCAPE PLAN, SEE PERMANENT SEEDING REQUIREMENTS ON EROSION & SEDIMENT CONTROL DRAWINGS.



VICINITY MAP
SCALE: 1" = 2,000' ±
(WSSC GRID: 225 NW 3)
MONTGOMERY COUNTY
ADD MAP PAGE: 5049
GRID: K-6
(39th EDITION)

OWNER/APPLICANT
MONTGOMERY COUNTY
DEPARTMENT OF GENERAL SERVICES
101 MONROE STREET, 11TH FLOOR
ROCKVILLE, MARYLAND 20850
ATTN: MS. SUSANNE CHURCHILL
TEL: (240) 777-8113
FAX: (240) 777-9952

CLIENT:



MONTGOMERY COUNTY MARYLAND

DEPARTMENT OF GENERAL SERVICES
OFFICE OF PLANNING AND DEVELOPMENT

101 MONROE STREET, 11TH FLOOR
ROCKVILLE, MARYLAND 20850

PROJECT:

Olney Library Addition & Renovation Design Development

3500 Olney-Laytonville Road
Olney, Maryland 20832

PROJECT NO.: Client Proj. No.

The Lukmire Partnership, Inc.
Architecture Planning Interiors



2700 S. QUINCY STREET
ARLINGTON, VA 22206
T: 703-998-01014 F: 703-998-7798
www.lukmire.com

ADTEK

CIVIL, STRUCTURAL, SPECIALTY ENGINEERING
& LANDSCAPE ARCHITECTURE
Partico East Business Center
8710 Montross Blvd., Suite 100
Frostburg, Maryland 21701
Phone: 301-682-4403 Fax: 301-682-7484
www.adtekengineering.com

REGISTRATION:

NO. DATE ISSUE DESCRIPTION

1 12-11-2009 Mandatory Referral

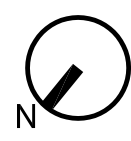
A/E PROJECT NO: 13210

DRAWN BY: LYV

CHECKED BY: SPB

KEY PLAN:

LANDSCAPE NOTES & DETAILS



SHEET TITLE:

SHEET NUMBER:

L-21

Original drawing is 30" x 42". Scale entities accordingly if reduced

H

G

F

E

D

C

B

A

PLANTING SPECIFICATIONS

SCOPE: Consists of supplying the planting trees, shrubs and herbaceous materials (groundcovers) including the staking of trees as specified herein and the supplying of materials, labor, equipment and work related services necessary for same as specified herein.

The work of this section includes, but is not limited to:

| | |
|------------------|-----------------|
| mulching | fertilizing |
| watering | wrapping |
| soil preparation | staking |
| planting | plant materials |
| maintenance | replacement |

MATERIALS: Wherever the following items appear in the specifications, they shall be as follows:

Topsoil The Contractor shall provide required natural, friable, fertile, fine sandy loam possessing the characteristics of representative topsoil in the vicinity which produce heavy growths of vegetation. The topsoil shall be free from subsurface, noxious weeds, stones, lime, cement, ashes, slag or other deleterious matter. Topsoil shall be well drained in its original condition and free of toxic quantities of acid or alkaline elements. It shall contain sand and clay in approximately equal proportions, and shall have an organic content by weight of not less than 2% nor more than 20% as determined by laboratory tests. The pH shall be between 6 and 7.

Water Shall be furnished by the Contractor for the execution of all work specified in this contract. The Contractor shall verify that the water available is suitable for irrigation and free from ingredients harmful to plant life.

Peat Shall be only moss (sphagnum) peat; brown acid reaction approximately 4 to 5 pH; of standard commercial quality delivered to the site in bags or other convenient containers, in air dry condition. Peat shall be fully warranted by the producer.

Brace Stakes: Wood brace stakes shall be common lumber or the sizes in the following table:

| Tree Size | Brace Stakes |
|----------------------|-----------------------------------|
| 1"-2.5" or < 8' tall | 2"x2"x96" |
| 2.5"-3" or > 8' tall | 2"x2"x24", 2"x2"x30" for conifers |

Wire shall be good commercial quality of galvanized wire. Wire used to stake trees shall be No. 12 gauge minimum.

Hose Collars: Hose collars shall be new two ply fabric bearing garden hose not less than 2 inch inside diameter.

PLANT MATERIAL STANDARDS:

Association of Nurserymen, Inc., as published in the "American Standard for Nursery Stocks", latest edition. No substitutions of size or grade shall be permitted without written permission from the Landscape Designer. Each bundle of plants and all separate plants shall be properly identified with the legible waterproof tags securely fastened to each plant or bundle of plants. They shall remain on the plants until final inspection.

Health: All plants including their roots shall be free from disease, insects, or other injurious qualities. All local, state, and federal laws pertaining to the inspection, sale, and shipment of plant materials shall be complied with. The trunk bark of all trees shall be sound, trees shall have no large wounds, and all small wounds shall have a satisfactory callus lar formed or forming over them. Plants shall show good annual growth. Buds shall be plump and well filled for the species. Evergreen foliage shall be of good intense color.

Quality: All plants shall be true to type; they shall have normal, well-developed branch systems, and a vigorous fibrous root system; they shall be sound, healthy, vigorous plants free from defects, disfiguring knots, sunscald injuries, abrasions of the bark, plant diseases, insect eggs, borers, and all forms of infestation. All new plants shall be nursery grown.

Ball and Burlap: All balled and burlapped plants shall conform to the "American Standard for Nursery Stock", latest edition. All balls shall be of natural earth in which the plant has been growing. No manufactured or artificially produced or mudded-balls shall be accepted. Balls shall be firm and unbroken, and of large enough size to adequately enclose the plant's fibrous root system.

Plant List: The list of plants furnished with the specifications is for the information of the Contractor. The height and caliper of trees, the height or spread of shrubs, the diameter of the balls of roots are the minimum dimensions required. Plants indicated "B&B" are to be dug with a ball of earth and wrapped in burlap.

Measurements: Shall conform to those specified on the plant list except as follows:

Overize plants may be used only after approval by the designer.

Use of such plants shall not increase the contract price.

Height and spread dimensions indicated refer to the main body of the plant and not from branch tip to branch tip. All trees and shrubs shall be measured when their branches are in normal position. Trees shall have straight trunks with the leader intact, undamaged and uncut.

Inspection The Planting Contractor shall be responsible for all inspection and approval of the plant material that may be required by state, federal and other authorities, and he shall secure any permits and certificates that may be required.

All plants shall be subject to inspection, and approval at place of growth before digging, or upon delivery, for quality, size and variety; such approval shall not impair the right of rejection at the project site during progress of the work, for size, condition of balls, roots, latent defects or injuries. Rejected plants shall be removed immediately from the project site

DIGGING AND HANDLING:

Protection from extremes in exposure and rough handling shall be provided all plant materials during transport and storage.

All plant materials shall be assembled in one location on the job site to permit inspection and approval by the designer. The Contractor shall notify the designer five (5) working days prior to planting so that a mutually agreeable time may be arranged for inspection. Stock with broken root balls or loose containers, and stock which shows evidence of being root-bound, over-grown, or recently canned, or in the opinion of the designer is damaged or improperly cared for, shall be removed from the site immediately and replaced at the Contractor's expense with another plant meeting the original specifications. Plants shall not be pruned prior to approval by the designer.

PROCEDURE:

Tree Planting

Layout: All trees shall be located as designated in the field by the planting plan. Where below ground or overhead obstructions are encountered the trees shall be relocated by the designer.

Planting Pits: Shall be a diameter two (2) times the diameter of the ball of the tree or container diameter. The depth of the pit shall be enough to accommodate the ball or roots of the tree when the tree is set to finish grade. Prior to 3" of existing soil shall be mixed with the topsoil at a 1:1 ratio to reduce puddling beneath plantings. Planting islands within the parking lot shall be brought to final grade with 6" of planting soil.

Planting Soil Preparation: Mix then one part peat moss with five parts topsoil. Mix all components thoroughly before backfilling.

Setting of Trees:

Before setting the trees, pits shall be watered. All plants shall be placed at such a level that, after settlement, the natural relationship between the original grade at which the plant grew, the ball shall be 1/8" higher than the finish grading. Trees shall be planted plumb, oriented for desired effect as directed by the designer. Topsoil shall be tamped under and around the base of each ball to fill all voids and shall be placed in 6 to 8 inch layers, each thoroughly tamped and puddled. Burlap shall be removed from the sides and top of balls and from under the balls. When planting bare root trees, care shall be taken to work topsoil under the roots and to spread them in a natural position before backfilling. Shallow basin or saucers a little larger than the diameter of the ball shall be formed around all trees to hold additional water.

Mulch Shall be applied to all tree pits to a depth of 3".

Pruning: All trees shall be neatly pruned after planting in accordance with the best standard practices and as directed by the designer. The trees shall be pruned to preserve its natural form and character and in a manner appropriate to its particular requirements. In general, at least one third of the deciduous trees shall be removed by thinning or shortening of branches but no leaders shall be cut. All pruning shall be done with clean, sharp tools.

Shrub and Herbaceous Materials: (groundcover)

Layout: Herbaceous planting beds and shrub pit locations shall be designated by the designer in accordance with the plant list and the tentative locations shown on the planting plan. The general form of the planting bed shall be staked out and excavations performed within the stakes.

Preparation of Herbaceous Planting Beds The ground shall be thoroughly broken to a depth of 12 inches. The top 4 inches shall be worked by the contractor until the soil is completely fined and in a mellow condition to finish grade. All organic material shall either be worked into the soil or removed from the site. Clumps shall be removed from the site. All shall be performed perpendicular to the direction of surface drainage. All holes, depressions and ruts shall be filled and brought to a smooth grade.

Shrub Planting Pits: Shall not have vertical sides. The diameter of the pits shall be two times greater than the diameter of the ball or container of the shrub. The depth of the pits shall be enough to accommodate the ball or roots of the shrub when the shrub is set to finish grade. 3" of existing soil shall be mixed with the topsoil at a 1:1 ratio to reduce puddling beneath plantings.

Shrub Planting Soil: Mix one part peat moss with five parts topsoil. Mix all components thoroughly before backfilling.

Setting of Shrubs: All materials shall be planted 2" higher in relation to the finish grade as they had before transplanting. The depth of the holes, as hereafter specified, shall be understood to be the depth below finish grade. Balled and burlapped plants shall have topsoil tamped under the balls. All burlap, ropes, stakes, etc., shall be taken off the tops of the balls and removed from the ball before backfilling. Roots of bare root plants shall not be left matted together, but shall be arranged in natural positions and shall have topsoil worked in among them. All broken and frayed roots shall be properly removed by trimming.

The Backfill of Topsoil: Shall be tamped in successive 8" layers. When the hole has been 2/3 backfilled, water shall be poured in filling the hole, and allowed to soak away so that all voids or air pockets under or around the roots are eliminated. After the water has soaked away, the hole shall be completely backfilled with "topsoil". After the backfill settles, additional soil shall be filled in, to the level of the finish grade. A shallow saucer of soil shall be formed around the edge of each hole to hold additional water.

MISS UTILITY

CALL "MISS UTILITY AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO EXCAVATING EXCAVATION. BEFORE EXCAVATING THE CONTRACTOR IS RESPONSIBLE FOR CALLING TICKET CHECK AT 1-866-821-4226 TO VERIFY THAT ALL UTILITIES HAVE BEEN MARKED. 48 HOURS AFTER CALLING MISS UTILITY, THE EXCAVATOR IS RESPONSIBLE FOR COMPLIANCE WITH REQUIREMENTS OF CHAPTER 36A OF THE MONTGOMERY COUNTY CODE.

Pruning: All shrubs shall be neatly pruned or thinned immediately after planting in accordance with best standard practices and as directed by the designer. Broken or bruised branches shall be removed with a clean cut. Each shrub shall be pruned to preserve its natural form or character and in a manner appropriate to its particular requirements. All pruning and thinning shall be done with sharp, clean tools.

Mulch: Shall be applied to all shrub beds and pits to a depth of 3" and to all herbaceous planting beds to a depth of 2" & evenly around the sides of the tree, outside of the ball.

All stakes shall be oriented to a line parallel with the normal prevailing winds, or as directed by the designer. See planting details for staking locations.

TEMPORARY STORAGE AND HEELING-IN:

No heel-in plant material will be accepted, nor will any temporary heeling-in storage be permitted.

Plant material unloaded and accepted by the inspector shall be immediately transported to the planting site and planted. Material left out of ground overnight or left with its roots bare to the sun, or otherwise unprotected during transit, unloading or storage shall be rejected by the designer, if in his judgment such lack of protection has caused damage to the roots of the plant or in any other way injured the plant material.

MAINTENANCE:

The planting contractor shall be required to make periodic checks on the total project to make certain that the materials are properly cared for and that the sum of all conditions are contributing to the satisfactory progress of the materials, until such time as the work is approved by the designer.

INSPECTION AND ACCEPTANCE:

Inspection of this work will be made by the designer at the conclusion of the planting period upon written notice by the Contractor at least five (5) days prior to anticipated date. Condition of all plant materials will be noted and recorded for reference.

After inspection, the planting contractor will be notified in writing by the designer if there are any deficiencies of the requirements for acceptance of the work.

GUARANTEE AND REPLACEMENT:

Trees and shrubs shall be guaranteed for a maximum of one full year or growing season after installation and shall be alive and in satisfactory condition at the end of the guarantee period. Such guarantee excludes vandalism.

DEFINITION FOR FURNISHED AND INSTALLING PLANT MATERIAL

The unit price contained in the bid proposal for furnished and installing plant and shrub material shall be defined to include furnishing and installing material, all planting soils (if applicable), staking and a guarantee for one year or growing season (excluding vandalism).

PUBLIC UTILITIES:

- Care shall be exercised in excavation near utilities. If at any time Contractor damages the utilities in place through negligence or carelessness, Contractor shall pay for the full cost of repairing such damages. Contractor shall notify the appropriate person in the office of any utility whose lines may be affected.
- The locations of utilities shown on the plans are approximate only and do not necessarily indicate all the utilities that may be encountered during construction. The failure of a utility to be shown on the plans does not relieve Contractor of the responsibility for any injuries he may inflict on the utility, and in case of injury, it shall be repaired at the expense of the Contractor.
- Whenever other utilities are encountered whose present grade would conflict with the new construction, Contractor shall notify Landscape Architect, who shall arrange revisions without unreasonable delay. Trenching or tunneling under existing utilities, culverts, etc., and providing temporary support shall be done at no additional expense to Owner.

GUARANTEE AND REPLACEMENT: The Contractor will guarantee survival of plants (each species) after one year. If at any time the total number of plants has fallen below this threshold, the Contractor will make a one-time replacement to bring plant numbers to the 100% levels for each species. Care shall be taken such that the activities involved in replacement planting do not cause damage or detrimental effect to the surviving flora. Any plants damaged by these activities will also be replaced by the Contractor to the 100% threshold.

Trees, shrubs and ground covers shall be guaranteed for 1 year after installation and shall be alive and in satisfactory condition at the end of the guarantee period. Such guarantee excludes vandalism.

DEFINITION FOR FURNISHED AND INSTALLING PLANT MATERIAL: The price contained in the bid proposal for furnished and installing plant and shrub material shall be defined to include furnishing and installing material, all planting soils (if applicable), staking and a guarantee for 12 months (excluding vandalism).

PROTECTION OF PRIVATE PROPERTY: Contractor shall repair or replace all fences, concrete walls, concrete curbs, gravel and asphalt driveways, culverts, and all other miscellaneous improvements, at no additional expense to Owner, damaged by Contractor due to his operations on the project, to a condition equal to or better than their condition before construction.

JOB CONDITIONS:

- Examine and evaluate grades, soils and water levels, observe the conditions under which work is to be performed, and notify the Landscape Architect of unsatisfactory conditions. Do not proceed with the work until unsatisfactory conditions have been corrected in an acceptable manner.
- Utilities: Review underground utilities location maps and plans provided by owner; demonstrate an awareness of utility locations, and certify acceptance of liability for the protecting the course of work. Contractor shall be responsible for any damage to utilities or property.
- Excavation: When conditions detrimental to plant growth are encountered, such as rubble fill, adverse drainage conditions, or obstructions, notify Landscape Architect before planting.

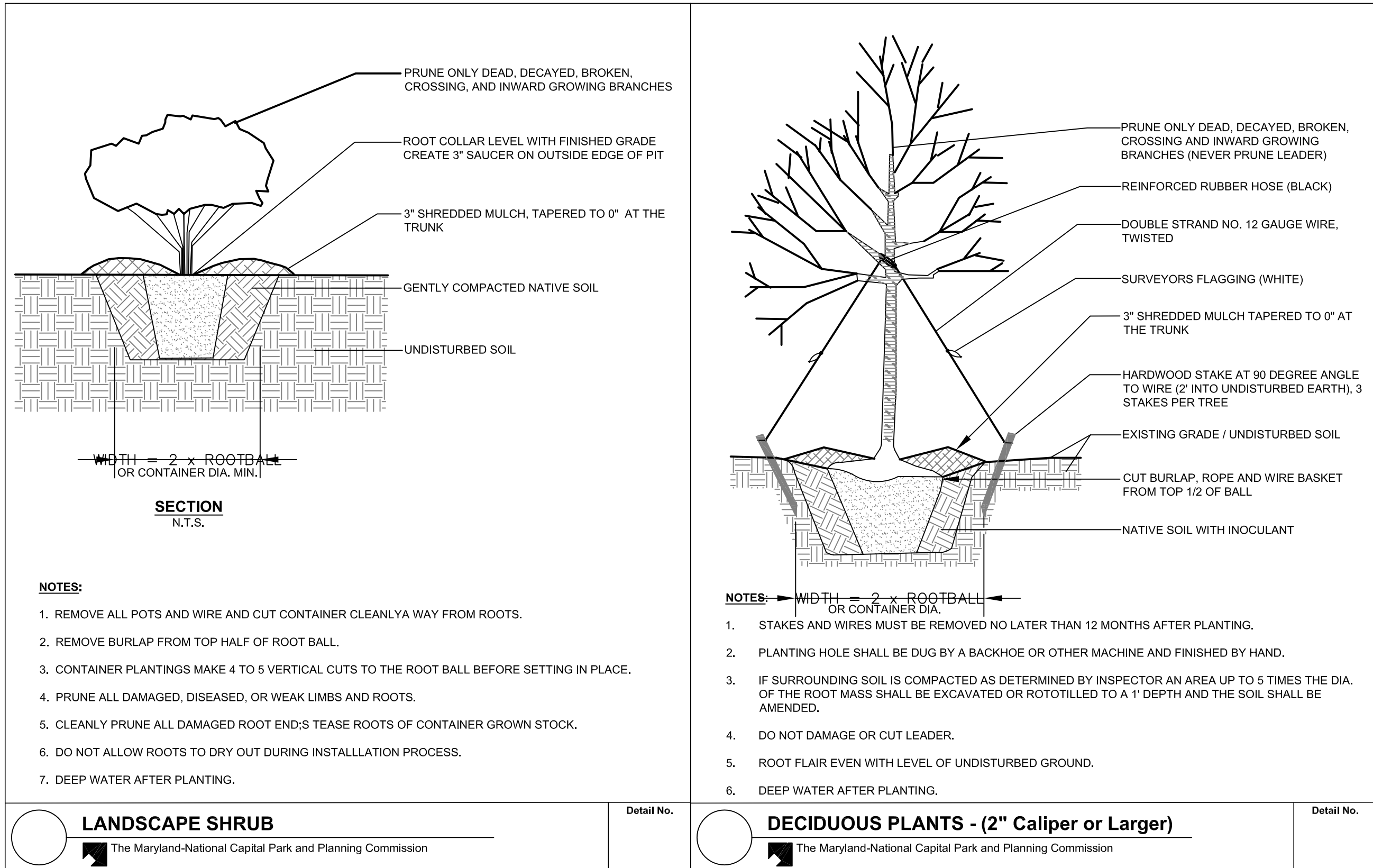
S1 - LAWN SEED MIX

85% MD CERTIFIED TALL FESCUE
10% PERENNIAL RYEGRASS
5% KENTUCKY BLUEGRASS

S2 - RETENTION BASIN FLOOR SEEDING - FOR WILDLIFE AND PLANT DIVERSITY

25% ALOPECURUS ARUNDINACEUS
25% ELYMUS VIRGINICUS
20% CAREX VULPINOIDEA
5% AGROSTIS SCABRA
5% POA PALUSTRIS
4% BIDENS CERNUA
3% SPARGANIUM EURYCARPUM
3% VERBENA HASTATA
2% JUNCUS EFFUSUS
2% SCIRPUS ATROVIRENS
2% SCIRPUS CYPERINUS
2% SCIRPUS POLYPHYLLUS
1% MINULUS RINGENS
1% SOLIDAGO PATULA

* OVERSEED WITH ANNUAL RYEGRASS AS A COMPANION CROP AND EROSION CONTROL



LEGEND

STORM DRAIN

WATERLINE (SEE APPR'D WSSC DRAW'S FOR INSTALLATION)

SANITARY SEWER (SEE APPR'D WSSC DRAW'S FOR INSTALLATION)

GAS LINE

ELECTRICAL LINE

TELEPHONE LINE

CABLE TV LINE

CHAIN-LINK FENCE

LIGHT POLE (SEE ELECTRICAL DWG'S)

BOULDER/STONE

BED OF GRASSES

PLANT TYPE & QUANTITY

LIMITS OF MCDPS LANDSCAPE APPROVAL

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

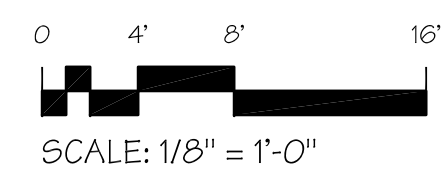
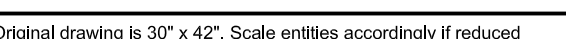
S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX

S2-RETENTION SEED MIX

S1-LAWN SEED MIX





DEPARTMENT OF GENERAL SERVICES
Division of Building Design and
Construction

101 MONROE STREET, 11TH FLOOR
ROCKVILLE, MARYLAND 20850

**Olney Library Addition &
Renovation Design
Development**

3500 Olney-Laytonsville Road
Olney, Maryland 20832

PROJECT NO.: Client Proj. No.

The Lukmire Partnership, Inc.
Architecture Planning Interiors



2700 S. QUINCY STREET
ARLINGTON, VA 22206
T: 703-998-01014 F: 703-998-7798
www.lukmire.com

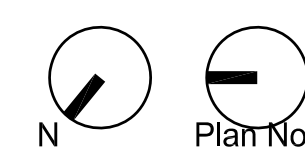
Professional Certification.
I certify that these documents were prepared or
approved by me, and that I am a duly licensed
architect under the laws of the State of
Maryland, license number____, expiration date

REGISTRATION:

[illegible]

CHECKED BY: WE, SBC

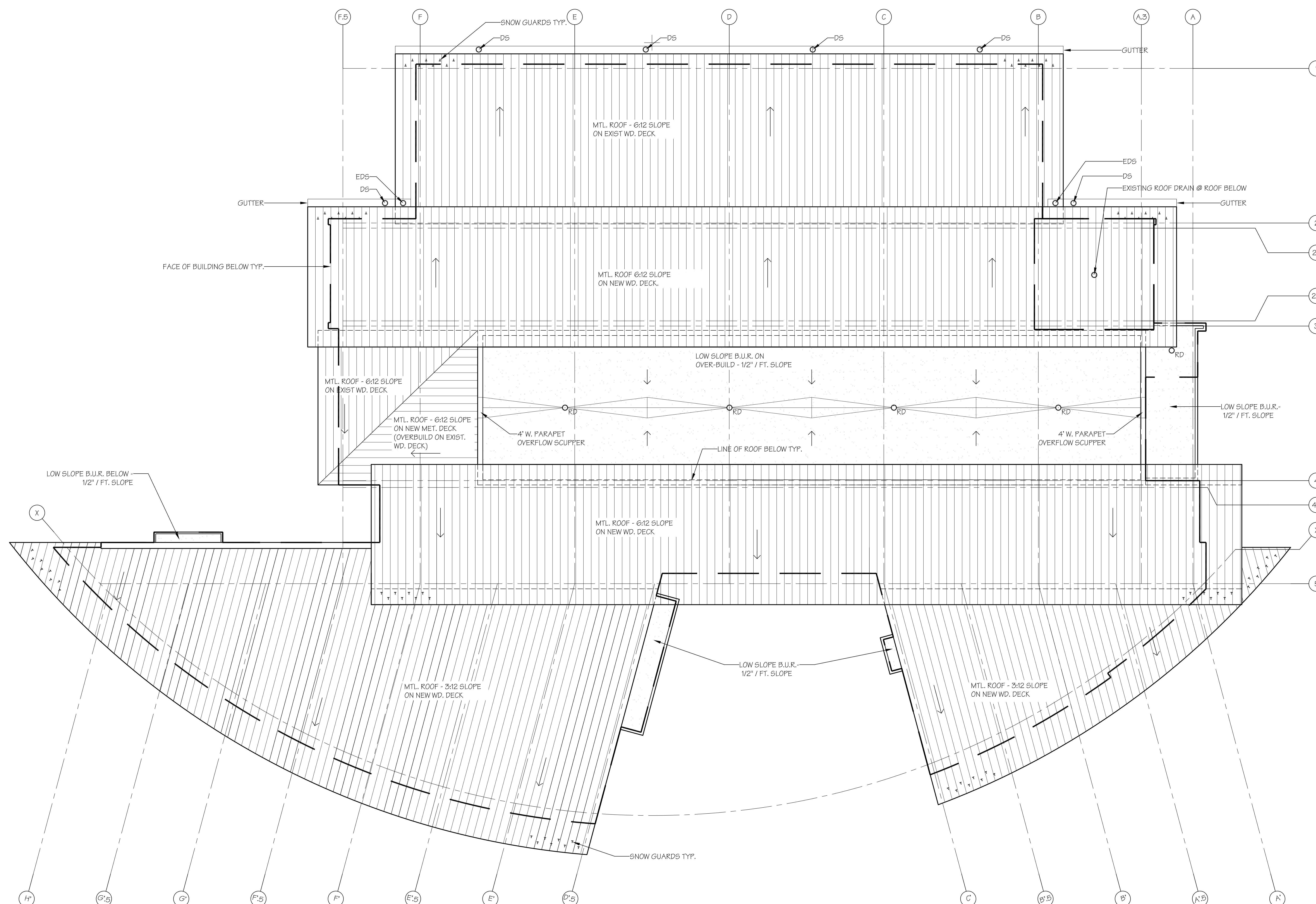
KEY PLAN:



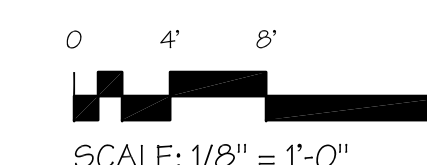
ROOF PLAN

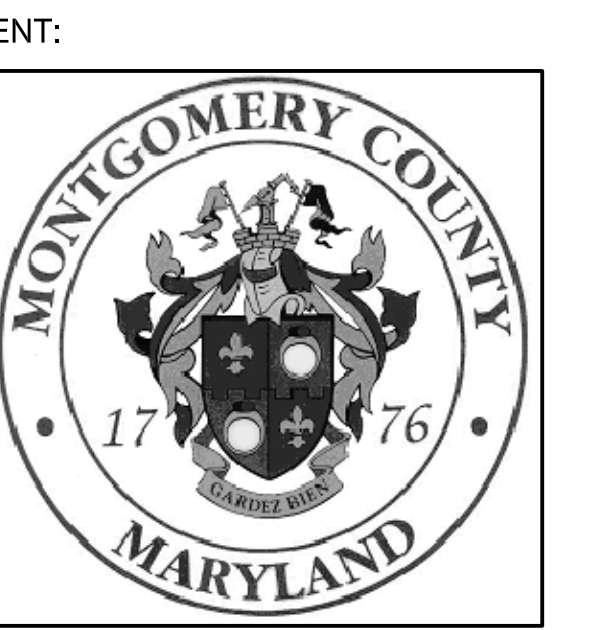
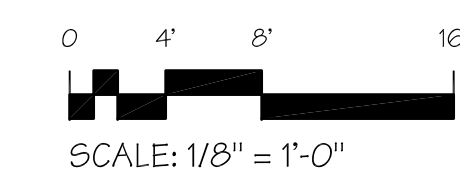
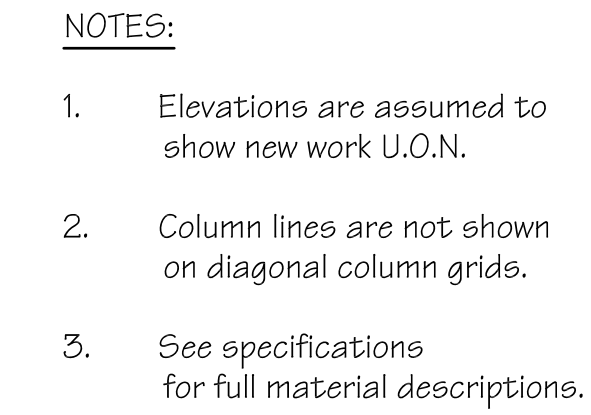
A-104

Original drawing is 30" x 42". Scale entitled accordingly if reduced.



1 ROOF PLAN
A-104 1/8" = 1'-0"





**MONTGOMERY COUNTY
MARYLAND**

DEPARTMENT OF GENERAL SERVICES
Division of Building Design and
Construction
101 MONROE STREET, 11TH FLOOR
ROCKVILLE, MARYLAND 20850

PROJECT:
**Olney Library Addition &
Renovation Design
Development**
3500 Olney-Laytonsville Road
Olney, Maryland 20832

The Lukmire Partnership, Inc.
Architecture Planning Interiors



2700 S. QUINCY STREET
ARLINGTON, VA 22206
T: 703-998-0104 F: 703-998-7798
www.lukmire.com

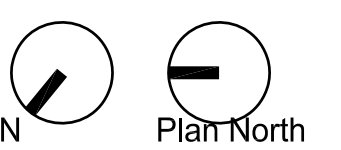
Professional Certification.
I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number____, expiration date ____.

REGISTRATION:

[illegible]

DATE PROJECT NO: 13210.00
DRAWN BY: WE
CHECKED BY: WE, SBC

KEY PLAN:



SHEET TITLE:

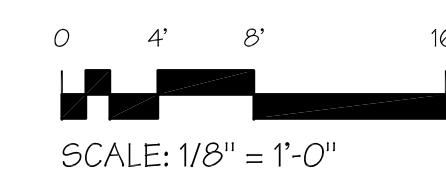
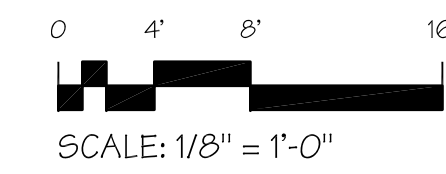
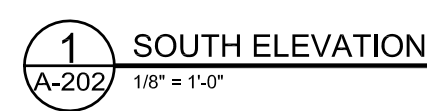
**BUILDING
ELEVATIONS**

SHEET NUMBER:

A-201

Original drawing is 30" x 42". Scale entities accordingly if reduced

1. Elevations are assumed to show new work U.O.N.
2. Column lines are not shown on diagonal column grids.
3. See specifications for full material descriptions.



DEPARTMENT OF GENERAL SERVICES
Division of Building Design and
Construction
101 MONROE STREET, 11TH FLOOR
ROCKVILLE, MARYLAND 20850

Olney Library Addition & Renovation Design Development

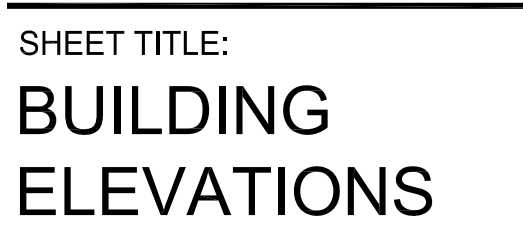
PROJECT NO.: Client Proj. No.



Professional Certification.
I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number____, expiration date ____.

[illegible]

KEY PLAN:



A-202

Original drawing is 30" x 42". Scale entitled accordingly if reduced



DEPARTMENT OF GENERAL SERVICES
Division of Building Design and
Construction

DEPARTMENT OF GENERAL SERVICES
Division of Building Design and
Construction

101 MONROE STREET, 11TH FLOOR
ROCKVILLE, MARYLAND 20850

PROJECT:

3500 Olney-Laytonsville Road
Olney, Maryland 20832

PROJECT NO.: Client Proj. No.

The Lukmire Partnership, Inc.
Architecture Planning Interiors



2700 S. QUINCY STREET
ARLINGTON, VA 22206
T: 703-998-01014 F: 703-998-7798
www.lukmire.com

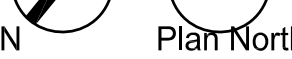
Professional Certification.
I certify that these documents were prepared or
approved by me, and that I am a duly licensed
architect under the laws of the State of
Maryland, license number____, expiration date

REGISTRATION:

| NO. | DATE | ISSUE DESCRIPTION |
|-----|------------|-------------------|
| 1 | 11-18-2009 | DD SUBMISSION |
| 2 | 12-11-2009 | MR REVIEW |

DATE PROJECT NO: 13210.00
 DRAWN BY: WE
 CHECKED BY: WE, SBC

KEY PLAN:



SHEET TITLE:

BUILDING ELEVATIONS

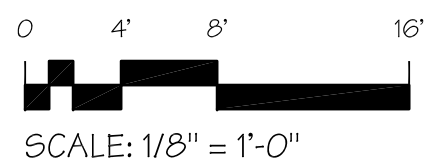
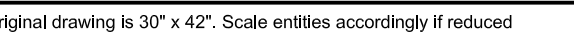
SHEET NUMBER

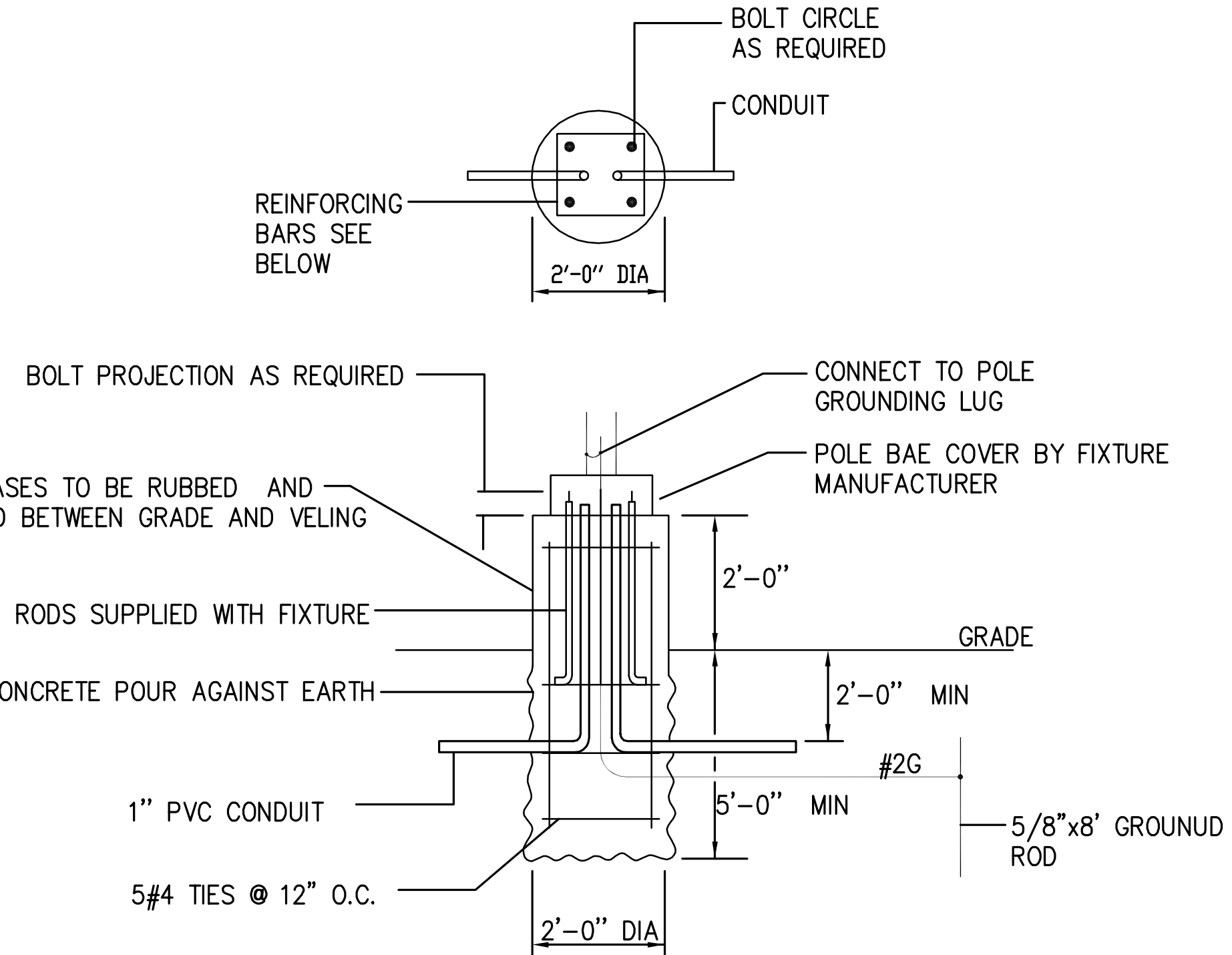
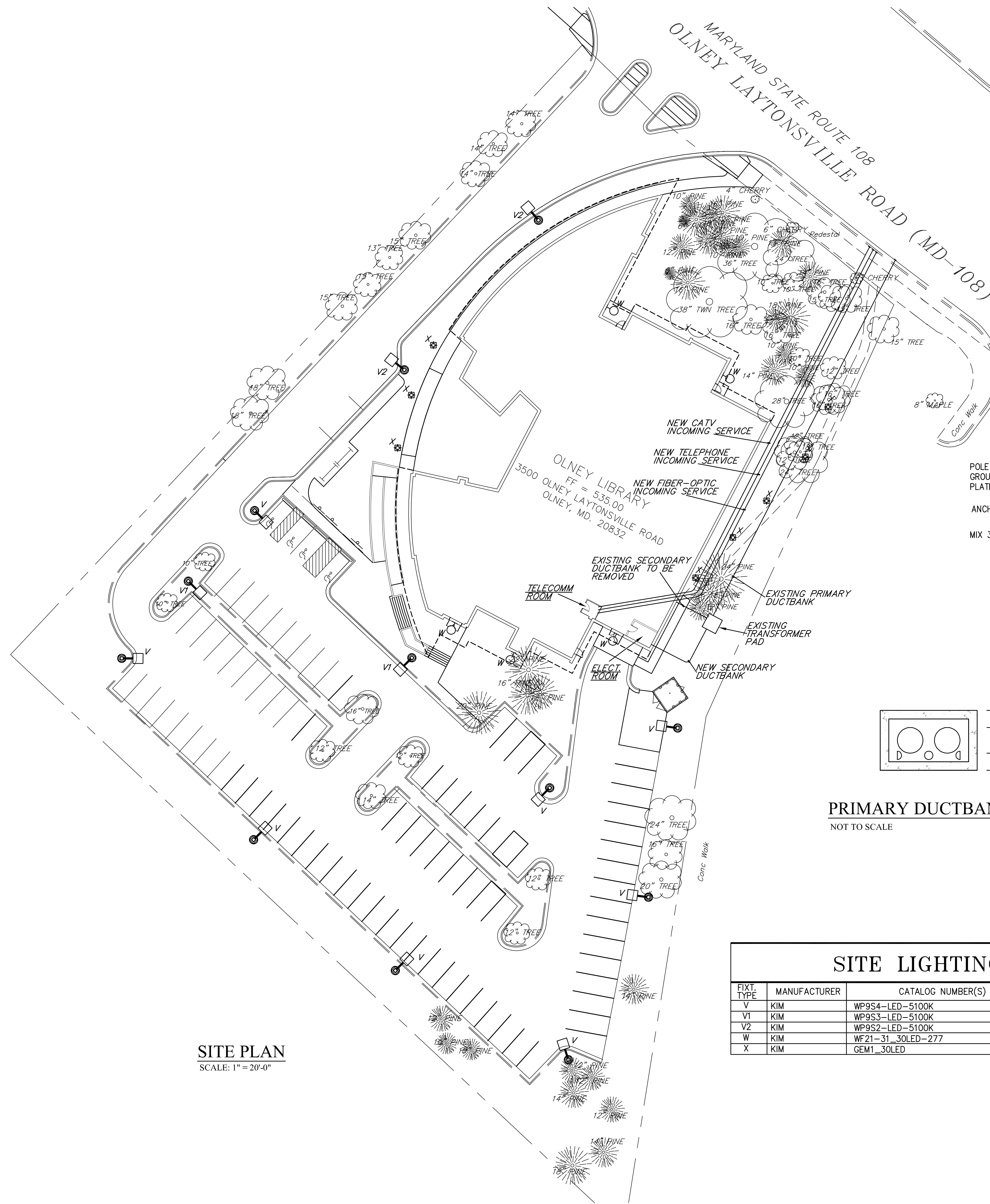
A-203

Original drawing is 30" x 42". Scale entities accordingly if reduced.

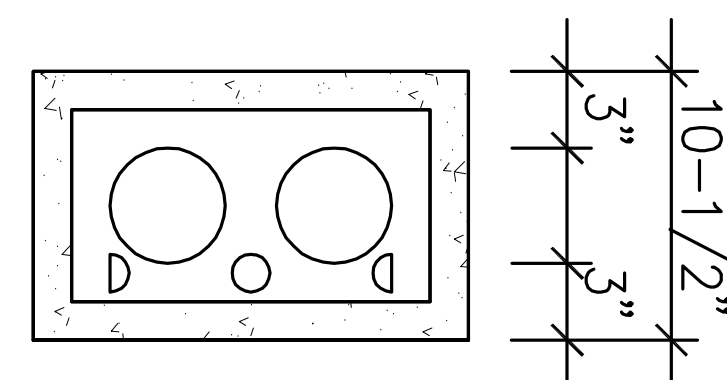


KEY PLAN:

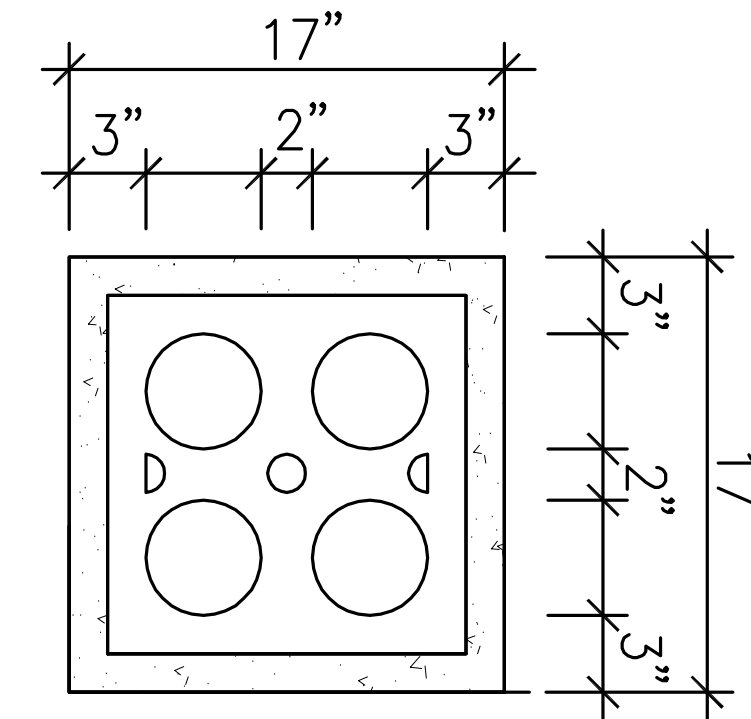




POLE BASE DETAIL
N.T.S.



PRIMARY DUCTBANK DETAIL




SECONDARY DUCTBANK DETAIL

| SITE LIGHTING FIXTURE SCHEDULE | | | | | | |
|--------------------------------|--------------|-------------------|-------|---------|----------|-----------------------|
| FIXT TYPE | MANUFACTURER | CATALOG NUMBER(S) | VOLTS | LAMP(S) | MOUNTING | REMARKS |
| V | KIM | WP9S4-LED-5100K | 277 | LED | POLE | MOUNT ON 16' POLE |
| V1 | KIM | WP9S3-LED-5100K | 277 | LED | POLE | MOUNT ON 16' POLE |
| V2 | KIM | WP9S2-LED-5100K | 277 | LED | POLE | MOUNT ON 16' POLE |
| W | KIM | WF21-31_30LED-277 | 277 | LED | WALL | MOUNT 10' ABOVE GRADE |
| X | KIM | GEM1_30LED | 277 | LED | BOLLARD | |

SITE PLAN

SCALE: 1" = 20'-0"

Professional Certification: I hereby certify that these documents were prepared or approved by me and that I am a duly licensed professional engineer under the laws of the State of Maryland, license No. _____, expiration date: _____.

 **MENDOZA, RIBAS, FARINAS & ASSOC.**
CONSULTING ENGINEERS
6265 Executive Boulevard, Rockville, Maryland 20852
07-033 (T)301 468-8882 (F)301 770-2567 (E)MRP@MRP-A.Com



**MONTGOMERY COUNTY
MARYLAND**

DEPARTMENT OF GENERAL SERVICES
OFFICE OF PLANNING AND
DEVELOPMENT

101 MONROE STREET, 11TH FLOOR
ROCKVILLE, MARYLAND 20850

PROJECT:

Olney Library Addition & Renovation Design Development

3500 Olney-Laytonsville Road
Olney, Maryland 20832

PROJECT NO.: Client Proj. No.

The Lukmire Partnership, Inc.
Architecture Planning Interiors



2700 S. QUINCY STREET
ARLINGTON, VA 22206
T: 703-998-01014 F: 703-998-7798
www.lukmire.com

REGISTRATION:

[illegible]

A/E PROJECT NO: 13210

DRAWN BY: AH

CHECKED BY: PF

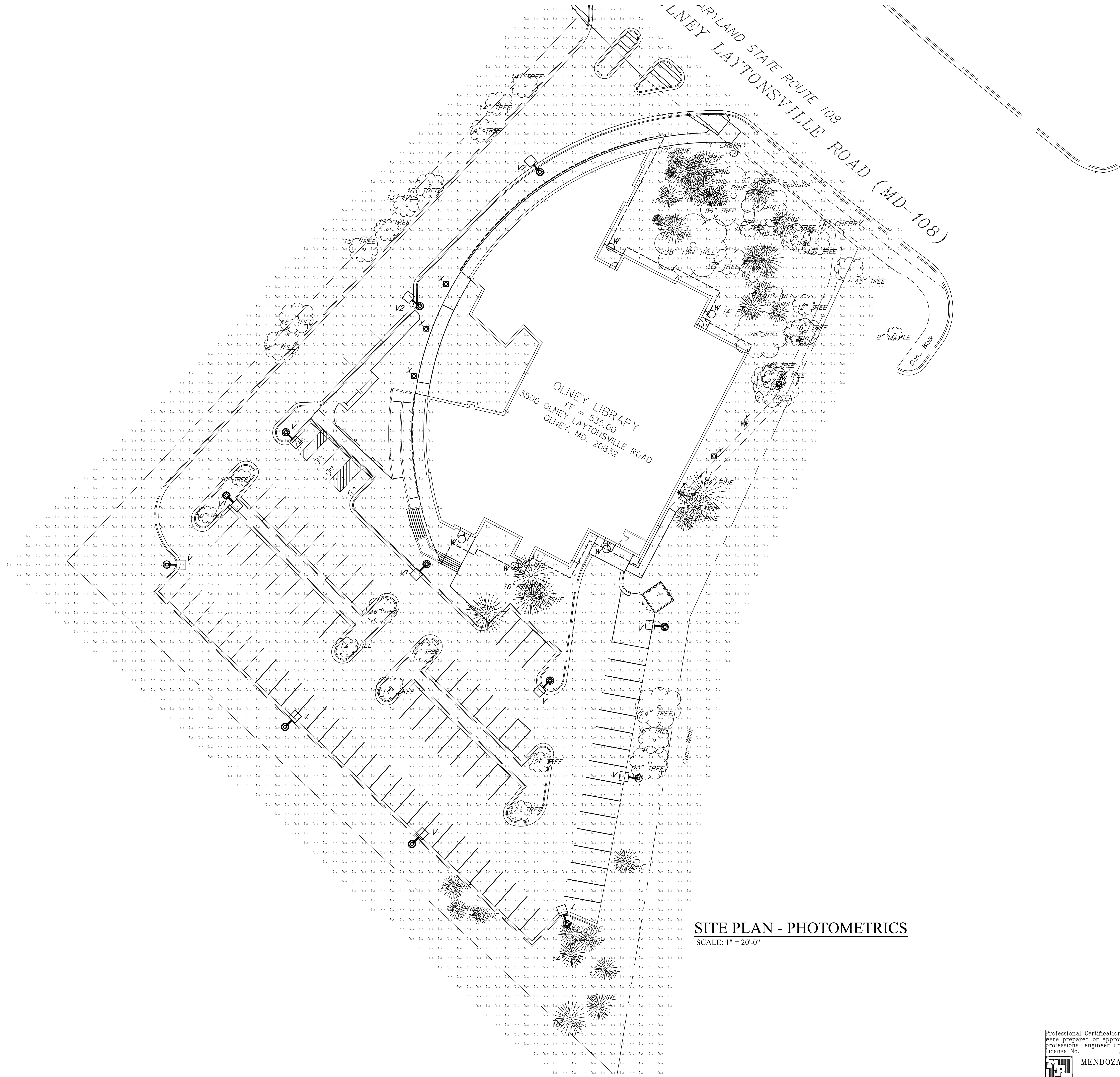
KEY PLAN:



SHEET TITLE:
**SITE PLAN -
ELECTRICAL**

SHEET NUMBER:

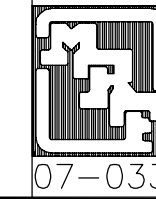
E-401



SITE PLAN - PHOTOMETRICS

SCALE: 1" = 20'-0"

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. _____, expiration date: _____.



MENDOZA, RIBAS, FARINAS & ASSOC.
CONSULTING ENGINEERS
6265 Executive Boulevard, Rockville, Maryland 20852
(T)(301) 468-8882 (F)(301) 770-2567 (E)MRF@MRF-A.Com

CLIENT:



**MONTGOMERY COUNTY
MARYLAND**

DEPARTMENT OF GENERAL SERVICES
OFFICE OF PLANNING AND
DEVELOPMENT

01 MONROE STREET, 11TH FLOOR
ROCKVILLE, MARYLAND 20850

PROJECT:

Olney Library Addition & Renovation Design Development

500 Olney-Laytonsville Road
Olney, Maryland 20832

PROJECT NO.: Client Proj. No.

The Lukmire Partnership, Inc.

The Lukmire Partnership, Inc.
Architecture Planning Interiors



2700 S. QUINCY STREET
ARLINGTON, VA 22206
T: 703-998-01014 F: 703-998-7798
www.lukmire.com

REGISTRATION:

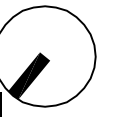
[illegible]

VE PROJECT NO: 13210

DRAWN BY: AH

CHECKED BY: PF

KEY PLAN:



SHEET TITLE:

SITE PLAN - PHOTOMETRICS

SHEET NUMBER:

E-402

Original drawing is 30" x 42". Scale entities accordingly if reduced